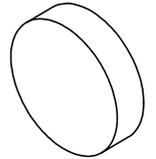


NOTES:

1. SUBSTRATE MATERIAL:
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 <3 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)
S1: ULTRAFAST LASER
Rs >99.75% @ 500 - 530nm @ 45° AOI
Rp >99.5% @ 500 - 530nm @ 45° AOI

S2: STRESS COMPENSATING COATING



GROUP DELAY DISPERSION:

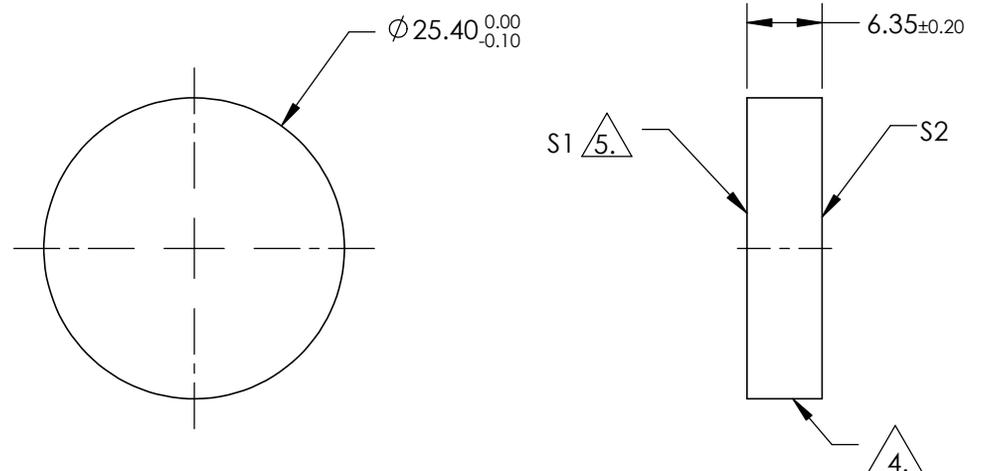
±20fs² @ 500 - 530nm (S-POL & P-POL)

DAMAGE THRESHOLD: 0.17 J/cm² @ 515nm, 178fs, 1 pulse (typical)
0.15 J/cm² @ 515nm, 178fs, 10kHz, 1000 pulses (typical)

4. FINE GROUND SURFACE

5. SURFACE ROUGHNESS: RMS

6. RoHS: COMPLIANT



**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	Edmund Optics®													
SHAPE	PLANO	PLANO	<table border="1"> <tr> <td colspan="2">THIRD ANGLE PROJECTION </td> <td>TITLE</td> <td colspan="2">500 - 530nm, 25.4mm Dia., Low GDD Ultrafast Mirror</td> <td rowspan="2">SHEET 1 OF 1</td> </tr> <tr> <td>ALL DIMS IN</td> <td>mm</td> <td>DWG NO</td> <td>12834</td> </tr> </table>				THIRD ANGLE PROJECTION		TITLE	500 - 530nm, 25.4mm Dia., Low GDD Ultrafast Mirror		SHEET 1 OF 1	ALL DIMS IN	mm	DWG NO	12834
THIRD ANGLE PROJECTION		TITLE					500 - 530nm, 25.4mm Dia., Low GDD Ultrafast Mirror		SHEET 1 OF 1							
ALL DIMS IN	mm	DWG NO					12834									
SURFACE FLATNESS	$\lambda/8$	N/A														
SURFACE QUALITY	10-5	COMMERCIAL POLISH														
CLEAR APERTURE (%)	90%	N/A														
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED														